

## SEQUENCE LISTING

SEQ ID NO:1

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1  TGGCCCTCGA GGCCAAGAAT TCGGCACGAG GAGGCGGGGA GCCAGAGGCG
51  CCAGGACCCT CGCGTGGCGC TCCAGCACCC CAGACCGTGG CGGCGCCTCG
101 CCTTAGGGAA GAGCAAGGGA AGAACTTTAT TTGAACCGCG AACATTTTTT
151 GGTCACTGAG ATCGAGTCTC CCAGTGCTTT GGCTTCCCGC CTCTTTATCG
201 TGGGTTTGAT CCCTGAGCTG CTCTCCTTTC CCGAACCTCC CGGGGTGCAG
251 CCTAGAGCCC TCCCGCGCGG CTGACTCCAG AGTAGAGGAA GGGAGGCGGC
301 CTCCGGCTGG TCCCCGAAG CCCTCGCTGC CCCGCAGATG CGGATGGCCA
351 GCCAGTAGCG GGCGGTGGCC CCGCGTCCCG GGAGCGCACA GCAATGCAGG
401 CGCTTAACAT TACCCCGGAG CAGTTCTCTC GGCTGCTGCG GGACCACAAC
451 CTGACGCGGG AGCAGTTCAT CGCTCTGTAC CGGCTGCGAC CGCTCGTCTA
501 CACCCCAGAG CTGCCGGGAC GCGCCAAGCT GGCCCTCGTG CTCACCGGCG
551 TGCTCATCTT CGCCCTGGCG CTCTTTGGCA ATGCTCTGGT GTTCTACGTG
601 GTGACCCGCA GCAAGGCCAT GCGCACCGTC ACCAACATCT TTATCTGCTC
651 CTTGGCGCTC AGTGACCTGC TCATCACCTT CTTCTGCATT CCCGTCACCA
701 TGCTCCAGAA CATTTCCGAC AACTGGCTGG GGGGTGCTTT CATTTGCAAG
751 ATGGTGCCAT TTGTCCAGTC TACCGCTGTT GTGACAGAAA TCCTCACTAT
801 GACCTGCATT GCTGTGGAAG GGCACCAGGG ACTTGTGCAT CCTTTTAAAA
851 TGAAGTGGCA ATACACCAAC CGAAGGGCTT TCACAATGCT AGGTGTGGTC
901 TGGCTGGTGG CAGTCATCGT AGGATCACCC ATGTGGCACG TGCAACAAC
951 TGAGATCAAA TATGACTTCC TATATGAAAA GGAACACATC TGCTGCTTAG
1001 AAGAGTGGAC CAGCCCTGTG CACCAGAAGA TCTACACCAC CTTCATCCTT
1051 GTCATCCTCT TCCTCCTGCC TCTTATGGTG ATGCTTATTC TGTACAGTAA
1101 AATTGGTTAT GAACTTTGGA TAAAGAAAAG AGTTGGGGAT GGTTCAGTGC
1151 TTCGAACTAT TCATGGAAAA GAAATGTCCA AAATAGCCAG GAAGAAGAAA
1201 CGAGCTGTCA TTATGATGGT GACAGTGGTG GCTCTCTTTG CTGTGTGCTG
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1251 GGCACCATTC CATGTTGTCC ATATGATGAT TGAATACAGT AATTTTGAAA  
 1301 AGGAATATGA TGATGTCACA ATCAAGATGA TTTTGTCTAT CGTGCAAATT  
 1351 ATTGGATTTT CCAACTCCAT CTGTAATCCC ATTGTCTATG CATTTATGAA  
 1401 TGAAAACTTC AAAAAAATG TTTTGTCTGC AGTTTGTAT TGCATAGTAA  
 1451 ATAAAACTT CTCTCCAGCA CAAAGGCATG GAAATTCAGG AATTACAATG  
 1501 ATGCGGAAGA AAGCAAAGTT TTCCCTCAGA GAGAATCCAG TGGAGGAAAC  
 1551 CAAAGGAGAA GCATTCAGTG ATGGCAACAT TGAAGTCAA TTGTGTGAAC  
 1601 AGACAGAGGA GAAGAAAAAG CTCAAACGAC ATCTTGCTCT CTTTAGGTCT  
 1651 GAACTGGCTG AGAATTCTCC TTTAGACAGT GGGCATTAAT TATAACAATA  
 1701 TCTTCATAAT

SEQ ID NO:2

1 MQALNITPEQ FSRLLRDHL TREQFIALYR LRPLVYTPEL PGRAKLALVL  
 51 TGVLFALAL FGNALVFYVV TRSKAMRTVT NIFICSLALS DLLITFFCIP  
 101 VTMLQNISDN WLGGAFICKM VPFVQSTAVV TEILTMTCIA VERHQGLVHP  
 151 FKMKWQYTNR RAFTMLGVVW LVAIVGSPM WHVQOLEIKY DFLYEKEHIC  
 201 CLEEWTSPPH QKIYTTFILV ILFLLPLMVM LILYSKIGYE LWIKKRVGDG  
 251 SVLRTIHGKE MSKIARKKKR AVIMMVTVA LFAVCWAPFH VVHMMIEYSN  
 301 FEKEYDDVTI KMIFAIVQII GFSNSICNPI VYAFMNENFK KNVLSAVCYC  
 351 IVNKTFSPPH RHGNSGITMM RKKAKFSLRE NPVEETKGEA FSDGNIEVKL  
 401 CEQTEKKKL KRHLALFRSE LAENSPDLSG H\*

SEQ ID NO:3

ATGCAGG

401 CGCTTAACAT TACCCCGGAG CAGTTCTCTC GGCTGCTGCG GGACCACAAC  
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 501 CACCCAGAG CTGCCGGGAC GCGCCAAGCT GGCCCTCGTG CTCACCGGCG  
 551 TGCTCATCTT CGCCCTGGCG CTCTTTGGCA ATGCTCTGGT GTTCTACGTG  
 601 GTGACCCGCA GCAAGGCCAT GCGCACCGTC ACCAACATCT TTATCTGCTC

651 CTTGGCGCTC AGTGACCTGC TCATCACCTT CTTCTGCATT CCCGTCACCA  
 701 TGCTCCAGAA CATTTCAGAC AACTGGCTGG GGGGTGCTTT CATTTGCAAG  
 751 ATGGTGCCAT TTGTCCAGTC TACCGCTGTT GTGACAGAAA TCCTCACTAT  
 801 GACCTGCATT GCTGTGGAAA GGCACCAGGG ACTTGTGCAT CCTTTTAAAA  
 851 TGAAGTGGCA ATACACCAAC CGAAGGGCTT TCACAATGCT AGGTGTGGTC  
 901 TGGCTGGTGG CAGTCATCGT AGGATCACCC ATGTGGCAGC TGCAACAACCT  
 951 TGAGATCAAA TATGACTTCC TATATGAAAA GGAACACATC TGCTGCTTAG  
 1001 AAGAGTGGAC CAGCCCTGTG CACCAGAAGA TCTACACCAC CTTTCATCCTT  
 1051 GTCATCCTCT TCCTCCTGCC TCTTATGGTG ATGCTTATTC TGTACAGTAA  
 1101 AATTGGTTAT GAACCTTGGG TAAAGAAAAG AGTTGGGGAT GGTTCAGTGC  
 1151 TTCGAACCTAT TCATGGAAAA GAAATGTCCA AAATAGCCAG GAAGAAGAAA  
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 1251 GGCACCATTG CATGTTGTCC ATATGATGAT TGAATACAGT AATTTTGAAA  
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